# (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# CORRECTED VERSION

## (19) World Intellectual Property Organization International Bureau

# 

(43) International Publication Date 31 March 2005 (31.03.2005)

# (10) International Publication Number WO 2005/028342 Al

(51) International Patent Classification<sup>7</sup>:

B65G 17/20,

(21) International Application Number:

PCT/SE2004/001349

(22) International Filing Date:

20 September 2004 (20.09.2004)

(25) Filing Language:

(26) Publication Language:

Swedish English

(30) Priority Data: 0302541-8 60/481,404

22 September 2003 (22.09.2003) 22 September 2003 (22.09.2003)

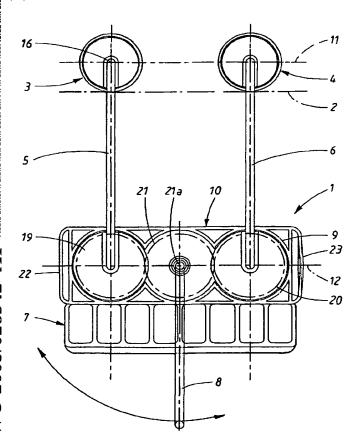
- (71) Applicant (for all designated States except US): ETON SYSTEMS AB [SE/SE]; Djupadal, S-507 71 Ganghester (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): DAVIDSON, Mats,

Ingvar [SE/SE]; Djupadal, Nygarden, S-507 71 Ganghester (SE).

- (74) Agent: ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Goteborg (SE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: PRODUCT CARRIER AND TRANSPORT DEVICE



(57) Abstract: Product carrier, moveable along a conveyor track (33, 34) in a conveyor arrangement, and designed as a trolley, which has two wheel units (3, 4) which are moved along the conveyor track. Suspended from each wheel unit is a carrier arm (5, 6) for the products that are to be conveyed. The carrier arms (5, 6) are connected to one another by means of a positioning mechanism (9), which maintains a selected essential distance (a) between the wheel units (5, 6) regardless of the inclination of the track.

### 

European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

### Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

### Published:

with international search report

(48) Date of publication of this corrected version:

30 March 2006

(15) Information about Correction: see PCT Gazette No. 13/2006 of 30 March 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.